

Note: The Permittee is considered a small source by Rule 342 Appendix B, and as such, the provisions of Rule 342 Appendix B apply.

21. **Allowable Emissions:** The Permittee shall not allow emissions into the atmosphere to exceed any of the following limits:

	Daily Emission Limits	Twelve Month Rolling Average Emission Limits
Volatile Organic Compounds (VOC's)		
Total Particulates		
Particulates Smaller Than 10 Microns (PM10)		

The twelve month rolling average shall be calculated at the end of each calendar month by summing the total over the most recent twelve calendar months.

22. **Spray Coatings Application Methods:**

- A. Coatings which equal or exceed 1 pound _{VOC}/pound _{solids} (lb/lb) or 4.3 pound _{VOC} /gallon (lb/gal) less water and non-precursor compounds, shall be applied to wood furniture and wood fixtures by one of the following three types of systems only: 1) a low pressure spray gun (less than 12 psig at the tip), 2) an electrostatic system, or 3) an airless system (this includes air assisted airless)
- B. Coatings which have less than 1 lb/lb or less than 4.3 lb/gal, less water and non-precursor compounds, may be applied with a conventional gun or any other type of gun if the gun is tagged properly. A properly tagged gun is one that has a durable and visible green tag, sticker, or painted emblem, no less than four (4) square inches in area on the gun or within three (3) feet of the gun on the gun's hose. A tag on the gun is not required at a facility which only uses or has on site, coatings which contain less than 1 lb/lb as applied.

23. **Coating VOC Limits:**

- A. The Permittee shall not apply any topcoat or sealer with VOC content exceeding 2 lb/lb or 5.45 lb/gal to any wood furniture or fixtures except as provided in permit condition 23.B and 23.C.
- B. The Permittee may use a low VOC topcoat with a higher VOC sealer provided that the following limits are not exceeded:
- 1) Low VOC topcoat: 0.8 lbs/lb or 3.83 lbs/gal
 - 2) Higher VOC sealer: no VOC limit for sealer under such topcoat
- C. The Permittee may apply a one-step combination finish (self-sealing, final coat) with a VOC content of no more than 3 lbs/lb or 6.0 lbs/gal, less

water and non-precursor compounds, if the following two conditions are met:

- 1) Only a single wet application of the one step final finish is allowed
- 2) The thickness of the dry finish cannot exceed 3 dry mills, as determined by Rule 342 §502.3.
- 3) Coloring agents such as low/high solids stains may also be applied prior to the one-step finish, but no separate topcoat, sealer, or washcoat may be applied.

24. **Controls:** The Permittee shall conduct all spray coating activities in a paint booth equipped with exhaust filters which are certified by the manufacturer and accepted by the Control Officer as having a minimum over spray removal efficiency of at least 92% for this type or similar types of applications. The Permittee shall install and maintain the exhaust filters in accordance with the manufacturer's recommendations, with no gaps or visible openings.

25. **Other:**

- A. Coatings and cleaners not in use, as well as waste coatings, cleaning materials, including solvent-dipped rags, and solvent used to clean spray equipment must be collected into a closed container or container which is closed immediately after receiving such material.
- B. No solvent exceeding more than 3.8 lb/gal shall be used to clean the spray booth or any of the booth components other than metal filters. However up to 1 gallon of solvent over 3.8 lb/gal may be used for cleaning a booth as part of replacing the coating on the booth.
- C. Prepackaged aerosol spray cans under 22 Fl. oz.: Faux & metal-leaf finish are exempt from Permit Conditions 23 and 22.

26. **Record Keeping :** The Permittee shall keep the following records and lists in a consistent and complete manner and shall make them available to the Control Officer without delay during normal business hours. Materials will be expressed with the VOC content either in lb/lb or lb/gal. For topcoat and sealer contents which are expressed in lb/gal, this must be minus water and non-precursors.

- A. Keep a list of the maximum VOC content of any material that has any additives or thinners added to it at the facility.
- B. The Permittee shall keep receipts for 5 years of the amount received for each VOC-containing material and the amount of all VOC-waste materials sent for recycling or hazardous waste collection.
- C. Record the following amounts, noting either the amount used or the amount received since the last records update:
 - 1) All coatings including topcoats, sealers, stains, etc., including all parts, catalysts, activators, additives, hardeners, (not reducers). If conventional guns are used, total separately the coatings having less than 1 lb/lb.;

- 2) all reducers and diluents to be used for reducing or diluting coatings (not cleaning);
 - 3) All solvents, strippers, thinners, and VOC-containing materials used for cleaning and clean up (not reducing) ; and
 - 4) All other VOC-containing materials connected with wood coating. Omit janitorial and building maintenance.
- D. Update the above records weekly if the total monthly use of all coatings and diluents/reducers is 250 gallons or more. If the total monthly use of all coatings and diluents/reducers is less than 250 gallons, update the records monthly.

For materials used in quantities less than 15 gallons per year, yearly records may be kept.